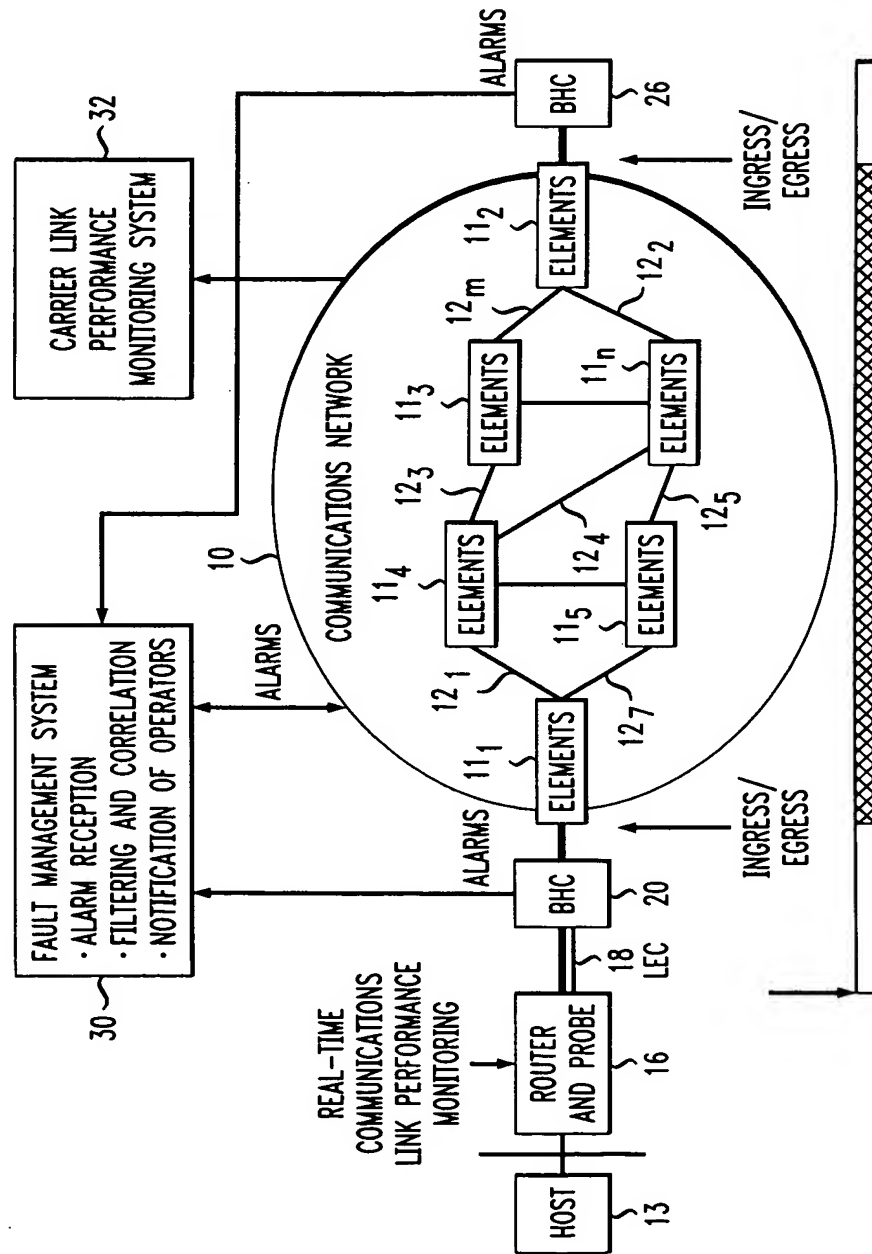


FIG. 1



FR/ATM/IP CUSTOMER COMMUNICATIONS LINK:
 CUSTOMER HAS END-TO-END TO END PERFORMANCE VIEW
 TAKES CUSTOMER ABOUT 10 MINUTES TO CALL CARRIERS AFTER
 CUSTOMER IDENTIFIED DEGRADED "PIPE" PERFORMANCE.

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FIG. 2

